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| Form PTO-1390 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER P27384 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/526476 Not Yet Assigned | |
| INTERNATIONAL APPLICATION NO. PCT/JP03/12751 | INTERNATIONAL FILING DATE October 6, 2003 | PRIORITY DATE CLAIMED October 11, 2002 | |
| TITLE OF INVENTION LOOP INTERFERENCE CANCELLER, RELAY SYSTEM AND LOOP INTERFERENCE CANCELLING METHOD | | | |
| APPLICANT(S) FOR DO/EO/US Yoshinori KUNEIDA, Hidekuni YOMO, Yoshihito KAWAI, Kenichiro HAYASHI and Kazuaki SUZUKI | | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

- ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.
- ☐ The US has been elected (PCT Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ☒ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☒ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154 (d) (4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
"UNEXECUTED"
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 22 below concern other document(s) or information included:

- Assignee: Matsushita Electric Industrial Co., Ltd. of Osaka, Japan
- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
- ☐ An Application Data Sheet under 37 C.F.R. 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☒ Figure of Drawing to be published: 6
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154 (d) (4).
- ☐ A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).
- ☒ Other items or information:
Cover Letter Filed Under 35 USC 371 and 37 CFR 1.495.
Copy of International Application as published (Cover Sheet-2pages- in Japanese)
Copy of International Application as filed (in Japanese-27 pages with 10 sheets of drawings)
PCT/ISA/210-International Search Report; PCT/RO/101-PCT Request (in Japanese);
PCT/IB/304; PCT/IB/308; Claim of Priority

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|---|--------------|---|------------|--|--------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not Yet Assigned | | INTERNATIONAL APPLICATION NO. PCT/JP03/12751 | | ATTORNEY'S DOCKET NUMBER P27384 | |
| 23 <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ 0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ 0.00 | |
| Basic National Stage Fee | | \$300.00 | \$ 300.00 | | |
| National Stage Application Size Fee – for each additional 50 sheets that exceeds 100 sheets | | \$250.00 | \$ 0.00 | | |
| National Stage Search Fee | | \$500.00 | \$ 500.00 | | |
| National Stage Examination Fee | | \$200.00 | \$ 200.00 | | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | 11 - 20 = | 0 | x \$50.00 | \$ 0.00 | |
| Independent Claims | 2 - 3 = | 0 | x \$200.00 | \$ 0.00 | |
| Multiple Dependent Claim(s) (if applicable) | | + \$360.00 | \$ 0.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,000.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 0.00 | |
| SUBTOTAL = | | | | \$1,000.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | \$ 0.00 | |
| Extension of Time fee in the amount of \$ | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$1,000.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$1,000.00 | |
| | | | | Amount to be refunded | \$ |
| | | | | Charged | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,000.00</u> to cover the above fees is included.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0089</u>.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>e. <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)).</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| SEND ALL CORRESPONDENCE TO CUSTOMER NO. 7055 AT THE PRESENT ADDRESS OF: | | | | Leslie J. Paperner Reg. No. 33,329 SIGNATURE  | |
| Bruce H. Bernstein GREENBLUM & BERNSTEIN, P.L.C. 1950 Roland Clark Place Reston, VA 20191 (703) 716-1191 | | | | Bruce H. Bernstein NAME | |
| | | | | 29.027 REGISTRATION NUMBER | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yoshinori KUNEIDA et al.
Appl. No: : Not Yet Assigned PCT Branch
Filed : Concurrently Herewith PCT/JP03/12751
For : LOOP INTERFERENCE CANCELLER, RELAY SYSTEM AND LOOP
INTERFERENCE CANCELLING METHOD


CLAIM OF PRIORITY

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop _____
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Applicant hereby claims the right of priority granted pursuant to 35 U.S.C. 119 and 365 based upon Japanese Application Nos. 2002-299523, filed October 11, 2002 and 2003-343412, filed October 1, 2003. The International Bureau already should have sent a certified copies of the Japanese applications to the United States designated office. If the certified copies have not arrived, please contact the undersigned.

Respectfully submitted,
Yoshinori KUNEIDA et al.



Bruce H. Bernstein
Reg. No. 29,027
Leslie J. Paperner
Reg. No. 33,329

March 3, 2005
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

P27384.P02

0/526476
DT01 Rec'd PCT/PTC 03 MAR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yoshinori KUNEIDA et al.

Mail Stop PCT

Appl. No : Not Yet Assigned
(U.S. National Phase of PCT/JP03/12751)

I.A. Filed: October 6, 2003

For : LOOP INTERFERENCE CANCELLER, RELAY SYSTEM AND LOOP
INTERFERENCE CANCELLING METHOD

**COVER LETTER ACCOMPANYING U.S. NATIONAL STAGE PATENT
APPLICATION FILED UNDER 35 U.S.C. 371 AND 37 C.F.R. 1.495**

Mail Stop PCT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop _____
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Enclosed is a new National Stage patent application for filing in the U.S. Patent and Trademark Office under 35 U.S.C. 371 and 37 C.F.R. 1.495. The Declaration and Power of Attorney attached thereto are in unexecuted form. Additionally, an English translation of the International Application, as filed, is not being forwarded herewith. A properly executed Declaration and Power of Attorney, and an English language translation of the International Application, as filed, will be filed within the period of time set in a Notification to be mailed by the United States Patent and Trademark Office.

Related to the above, this application should be associated with Customer

P27384.P02

Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

If there are any questions pertaining to this National Stage Application, please
contact the undersigned.

Respectfully submitted,
Yoshinori KUNEIDA et al.



Bruce H. Bernstein
Reg. No. 29,027

Leslie J. Paperner
Reg. No. 33,329

March 3, 2005
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1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191